

Company profile

Zalom Communications Pty Limited (Zalom) is an Australian owned company with over twenty years of industry experience supplying communications products and services to the broadcast, healthcare and building industry.

Zalom specialises in MATV, CCTV, CATV, paging, satellites, nurse call, security and intercom systems. We have developed and produced numerous products for television and nurse call systems used in TV studios, hotels, hospitals, nursing homes and commercial buildings.

All our products are maintenance free and the components can be inserted and removed without difficulty.

At Zalom, we are committed to excellence and top quality workmanship.



Speech Master

2 Way Speech Call Integration



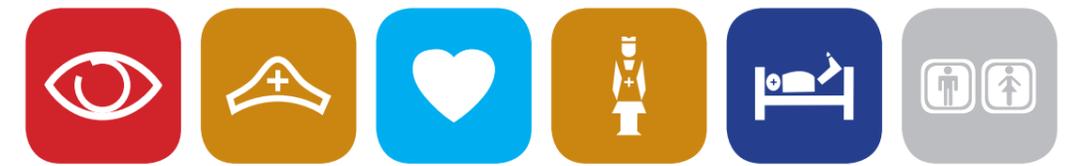
*why complicate?
keep it simple*



*we provide
24 hour service!*



Speech Master



Product Overview

Embracing solid state electronic technology and software the Speech Master console enables medical staff to provide a prompt and effective response to patients' calls at all times. Speech Master is specifically designed to provide a reliable 24 hours a day, 7 days a week nurse call system for use in hospitals and nursing homes.

The Speech Master console responds to Call Master digital software and incorporates a call indication option configurable to best suit the operational needs of any hospital, thereby resulting in increased staff efficiency and patient care.

Integrated with Speech Master state-of-the-art paging and telephone technologies such as wireless (DECK) telephones allowing nurses to receive and respond to patients while moving freely around their wards.

Patients can at any time activate calls using a nurse call handset RC10 with a built-in speaker and microphone. Immediate after call, audio and visual indicators assure the patient that the call has been placed.

Nurse stations are fitted with over door lights, modern alphanumeric colour displays and alarm tones. These features all connected via an advanced computerized central station with VDU monitor, database and software that can be configured to suit the requirements and interface to patient information systems.



WIRELESS CALL MASTER INTEGRATION

The WCM400Tx-Rx is a duress call system. It consists of up to 8 remote, battery powered, radio call points and a base receiver. It is simple enough to be used for temporary installations, such as construction sites or public events, and has a range in excess of 500 meters.

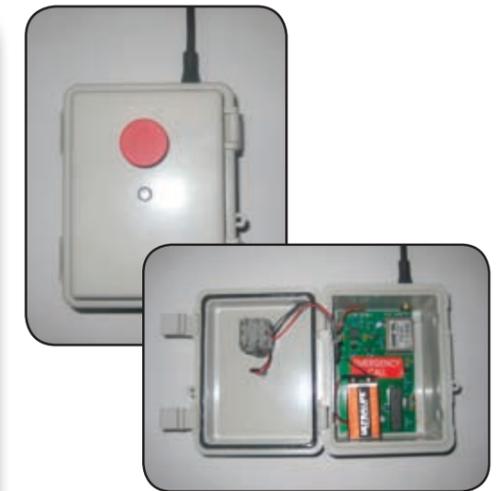
The WCM400Rx receiver has a built in Piezo sounder and led indicators; to identify which call point has been activated. Therefore, it can be used on it's own for the simplest applications.

In addition to this, the receiver has three methods of interfacing with other devices.

An electronic moving message display can show a pre-programmed message, and sound a unique cadence for each of the 8 call points. This facilitates an interface to the ZALOM Call Master digital nurse call system.

A separate ID is connected to the bus for each call point and can be used to sound additional Piezo buzzers, strobe lights, or light indicators. There is a 1A normally open contact for each call point.

WCM400Tx-Rx operates on 433.92 MHz with range of 1km - 500m is guaranteed. An Output Power of 10mW.



Paging system and DECK phone Integration into Zalom digital call master software

Zalom Communications Pty Ltd is a leading distributor of TESLA and PUPIN pagers in Australia.

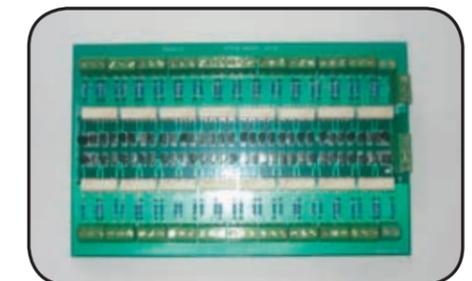
DECK phones are an ideal option for a quiet environment like nursing homes, where digital displays would produce an audio alert.

Call Master software is adopted to send messages through a multi-port serial interface 232 directly to the paging transmitter and DECK phone which makes it unique for use in the hospitals and nursing homes. Industrial interface 485 is used to run ZALOM's 16 digit colour addressable displays -TESLA T20.



CMRC64

The Call Master room controller CMRC64 is a flexible device suitable for integration into any nurse call system and can be programmed as many times as required. It comes with 32, 64 and 96 inputs. Controller inputs are configured in the Zalom Digital Call Master software.



CMSPC-2

CMSPC-2 is a two way communication speech controller with superb sound fidelity. It features a rotary selector enabling a selection of bed and room numbers that appear on the digital display and main speech console at the nurse station.

